

TABLE 1
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS00709	03/21/19	8:54:24	Monitoring Highway 8 East South Houston	200 J	20	8.2	3.3	55	0
64MSMS00710	03/21/19	9:42:41	Monitoring Highway 146 South Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00711	03/21/19	11:15:25	Stationary Monitoring San Jacinto Elementary	< 180	< 4,000	< 1,700	-	-	-
64MSMS00712	03/21/19	11:56:46	Monitoring Deer Park 13 th Street	< 180	< 4,000	< 1,700	-	-	-
64MSMS00714	03/21/19	14:35:42	Monitoring Highway 8 East to Highway 225	< 180	< 4,000	< 1,700	-	-	-
64MSMS00715	03/21/19	15:30:27	Monitoring 13 th Street Neighborhood	< 180	< 4,000	< 1,700	-	-	-
64MSMS00716	03/21/19	16:21:15	Monitoring Highway 225 West	3,300 J	720 J	800 J	3.6	331	0
64MSMS00717	03/21/19	18:09:42	Monitoring Highway 8 West	< 180	< 4,000	< 1,700	-	-	-
64MSMS00720	03/22/19	8:45:14	Monitoring Highway 8 East to Highway 225	< 180	< 4,000	< 1,700	-	-	-
64MSMS00721	03/22/19	11:22:30	Monitoring Deer Park North	< 180	< 4,000	< 1,700	-	-	-
64MSMS00722	03/22/19	12:22:59	Monitoring Pasadena Freeway Frontage Road	< 180	< 4,000	< 1,700	-	-	-
64MSMS00723	03/22/19	12:58:32	Monitoring Independence Parkway to Battleground Park	1,700 J	550 J	600 J	6.1	140	0
64MSMS00724	03/22/19	14:17:55	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00727	03/22/19	15:39:44	Monitoring Channelview Three	1,100 J	400 J	430 J	10.3	128	0
64MSMS00728	03/22/19	17:19:39	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00731	03/23/19	9:02:05	Monitoring Highway 225 Eastbound	210 J	66 J	62 J			

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64MSMS00732	03/23/19	10:24:34	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00733	03/23/19	11:34:21	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00734	03/23/19	12:54:16	Monitoring Pleasantville to Tri-Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00735	03/23/19	14:46:26	Monitoring Northwest of Site	820 J	160 J	130 J	12.7	124	0
64MSMS00738	03/24/19	8:43:50	Monitoring Highway 10 East	210 J	140 J	320 J	9.6	172	0
64MSMS00739	03/24/19	10:41:59	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00740	03/24/19	11:44:14	Monitoring Channelview to Galena Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00742	03/24/19	14:12:34	Monitoring Galena Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00743	03/24/19	15:14:11	Monitoring Lynchburg to Channelview	410 J	150 J	200 J	10.1	161	0
64MSMS00746	03/25/19	8:53:29	Monitoring Highway 8 to Highway 225 W	< 180	< 4,000	< 1,700	-	-	-
64MSMS00747	03/25/19	9:32:18	Monitoring from EPA Command Center to Lynchburg Ferry	< 180	< 4,000	< 1,700	-	-	-
64MSMS00748	03/25/19	10:42:45	Monitoring Baytown to Lynchburg Ferry	< 180	< 4,000	< 1,700	-	-	-
64MSMS00751	03/25/19	13:53:16	Monitoring Highway 10 to Lynchburg Ferry	< 180	< 4,000	< 1,700	-	-	-
64MSMS00752	03/25/19	14:52:06	Monitoring Lynchburg Ferry to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00753	03/25/19	15:48:25	Monitoring ITC Site and Vista Drive	3,600 J	1,100 J	600 J	4.5	262	0
64MSMS00757	03/26/19	9:06:31	Monitoring Highway 8 North to Command Post	< 180	< 4,000	< 1,700	-	-	-

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64MSMS00758	03/26/19	9:37:49	Monitoring EPA Command Post to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00759	03/26/19	10:26:57	Monitoring Deer Park to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00762	03/26/19	13:07:03	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00763	03/26/19	14:04:39	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00764	03/26/19	15:11:12	Monitoring Pasadena and Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00765	03/26/19	15:58:10	Monitoring Independence Parkway	250 J	99 J	210 J	4.6	33	0
64MSMS00768	03/27/19	8:06:29	Monitoring Highway 8 N to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00769	03/27/19	8:44:09	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00770	03/27/19	9:49:40	Monitoring Deer Park to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00771	03/27/19	11:07:44	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00775	03/27/19	14:14:04	Monitoring Galena Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00776	03/27/19	15:20:51	Monitoring Channelview	370 J	67 J	28	9.1	138	0
64MSMS00777	03/27/19	16:43:43	Monitoring Channelview to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00780	03/28/19	8:43:49	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00782	03/28/19	9:26:38	Monitoring Command Post to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00783	03/28/19	10:46:39	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-

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64MSMS00784	03/28/19	11:49:10	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00786	03/28/19	13:45:30	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00787	03/28/19	14:50:29	Monitoring Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00788	03/28/19	16:04:01	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00793	03/29/19	8:36:02	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00794	03/29/19	9:08:12	Monitoring Command Post to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00795	03/29/19	9:57:40	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00796	03/29/19	11:11:15	Monitoring Channelview	480 J	53 J	28	12.6	154	0
64MSMS00797	03/29/19	12:05:22	Monitoring Channelview Two	820 J	98 J	36 J	13.2	154	0
64MSMS00800	03/29/19	14:46:20	Monitoring Channelview Three	1,600 J	230 J	70 J	12.5	155	0
64MSMS00801	03/29/19	15:56:02	Monitoring Channelview to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00804	03/30/19	8:19:02	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00805	03/30/19	8:45:46	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00807	03/30/19	9:54:35	Monitoring Channelview Two	690 J	83 J	29	5.0	222	0
64MSMS00808	03/30/19	11:08:58	Monitoring Channelview Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS00811	03/30/19	14:01:36	Monitoring Highland Channelview	200 J	25 J	13	5.5	337	0

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64MSMS00812	03/30/19	15:24:03	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00815	03/31/19	8:07:31	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00816	03/31/19	8:42:50	Monitoring Pasadena to Deer Park	1,000 J	220 J	120 J	6.3	25	0
64MSMS00817	03/31/19	9:47:02	Monitoring Deer Park	840 J	150 J	83 J	6.7	14	0
64MSMS00818	03/31/19	11:01:18	Monitoring Deer Park Two	790 J	140 J	60 J	6.0	14	0
64MSMS00822	03/31/19	12:46:23	Monitoring Deer Park Three	790 J	120 J	60 J	6.8	13	0
64MSMS00823	03/31/19	13:47:03	Monitoring Deer Park Four	390 J	61 J	22	5.5	359	0
64MSMS00824	03/31/19	14:33:51	Monitoring Deer Park Five	450 J	68 J	27	5.9	18	0
64MSMS00825	03/31/19	15:33:55	Monitoring Deer Park Six	400 J	53 J	21	5.9	25	0.01
64MSMS00828	04/01/19	8:53:30	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00829	04/01/19	9:38:35	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00830	04/01/19	10:35:24	Monitoring Deer Park to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00831	04/01/19	11:42:28	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00833	04/01/19	14:20:03	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00834	04/01/19	15:27:18	Monitoring Deer Park Three	5,000 J	2,500 J	2,600 J	2.9	33	0
64MSMS00835	04/01/19	16:39:22	Monitoring Baytown to Pasadena	< 180	< 4,000	< 1,700	-	-	-

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64MSMS00841	04/02/19	9:34:57	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00842	04/02/19	10:44:39	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00843	04/02/19	12:09:57	Monitoring Jacinto City to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00853	04/03/19	15:13:12	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00854	04/03/19	16:35:49	Monitoring Channelview to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00857	04/04/19	8:32:18	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00858	04/04/19	9:35:58	Monitoring Deer Park to Channelview	2,400 J	470 J	2,400 J	9.6	200	0
64MSMS00859	04/04/19	10:41:18	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00860	04/04/19	11:50:27	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00861	04/04/19	12:58:34	Monitoring Channelview to Galena Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00863	04/04/19	14:49:35	Monitoring Channelview to Galena Park Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS00864	04/04/19	16:33:18	Monitoring Channelview to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00868	04/05/19	8:41:26	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00869	04/05/19	9:23:38	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00870	04/05/19	10:37:02	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00871	04/05/19	11:49:40	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-

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64MSMS00874	04/05/19	14:59:06	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00875	04/05/19	16:16:03	Monitoring Channelview to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00878	04/06/19	8:29:57	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00879	04/06/19	9:01:37	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00880	04/06/19	10:07:20	Monitoring Baytown to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00881	04/06/19	11:20:52	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00883	04/06/19	13:57:55	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00884	04/06/19	15:59:04	Monitoring Channelview to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00887	04/07/19	9:15:02	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00888	04/07/19	10:06:04	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00889	04/07/19	10:57:05	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00890	04/07/19	12:03:19	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00897	04/08/19	8:22:41	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00898	04/08/19	9:06:49	Monitoring Deer Park to Channelview	560 J	300 J	880 J	8.8	329	0.35
64MSMS00899	04/08/19	9:59:07	Monitoring Baytown to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00900	04/08/19	11:03:06	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-

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654MSMS0902	04/08/19	13:07:52	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00903	04/08/19	15:01:48	Monitoring Channelview to Pasadena	750 J	530 J	1,100 J	7.5	327	0
64MSMS00906	04/09/19	8:22:45	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00907	04/09/19	9:07:10	Monitoring Deer Park to Channelview	650 J	660 J	850 J	6.5	256	0
64MSMS00908	04/09/19	10:11:51	Monitoring ITC Site to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00909	04/09/19	11:26:56	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00911	04/09/19	13:37:02	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00912	04/09/19	15:28:24	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00913	04/09/19	16:19:46	Monitoring Lynchburg to Pasadena	2,300 J	1,200 J	820 J	3.2	333	0
64MSMS0916	04/10/19	7:56:22	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00917	04/10/19	8:34:25	Monitoring Pasadena to Deer Park	430 J	720 J	770 J	9.3	191	0
64MSMS00918	04/10/19	9:33:19	Monitoring Deer Park to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00919	04/10/19	10:48:47	Monitoring Lynchburg to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00920	04/10/19	11:38:21	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00922	04/10/19	13:55:21	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00923	04/10/19	3:10:00	Monitoring Galena Park to Channelview	< 180	< 4,000	< 1,700	-	-	-

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64MSMS00924	04/10/19	4:13:28	Monitoring Channelview to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00928	04/11/19	8:37:33	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00929	04/11/19	9:23:24	Stationary Monitoring EPA Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00930	04/11/19	10:06:59	Monitoring Pasadena to Deer Park	180 J	53 J	8.1	9.9	190	0
64MSMS00931	04/11/19	11:05:07	Monitoring Deer Park to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00932	04/11/19	12:01:26	Monitoring Lynchburg to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00934	04/11/19	14:05:06	Monitoring Galena Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00935	04/11/19	15:22:24	Monitoring Channelview to Deer Park	180 J	61 J	130 J	4.6	199	0
64MSMS00938	04/12/19	10:46:01	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00939	04/12/19	11:17:06	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00940	04/12/19	12:31:27	Monitoring Deer Park to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00942	04/12/19	14:04:32	Monitoring Galena Park to Manchester	< 180	< 4,000	< 1,700	-	-	-
64MSMS00943	04/12/19	2:56:35	Monitoring Manchester to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00946	04/13/19	8:23:52	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00947	04/13/19	9:03:01	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00948	04/13/19	10:02:38	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-

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Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS00949	04/13/19	10:59:11	Monitoring Lynchburg to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00950	04/13/19	11:47:54	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00952	04/13/19	13:55:34	Monitoring Galena Park to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00953	04/13/19	15:06:45	Monitoring Channelview to Baytown	940 J	480 J	1,200 J	5.5	311	0
64MSMS00956	04/14/19	8:05:52	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00957	04/14/19	12:34:47	Monitoring Pasadena to Deer Park	890 J	860 J	2,600 J	8.3	319	0
64MSMS00958	04/14/19	13:29:48	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00959	04/14/19	14:35:10	Monitoring Deer Park to Baytown	630 J	490 J	3,300 J	7.0	321	0
64MSMS00962	04/15/19	7:57:57	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00963	04/15/19	8:52:36	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00966	04/17/19	8:09:14	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00967	04/17/19	8:51:22	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00968	04/17/19	9:40:13	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00969	04/17/19	10:29:50	Monitoring Lynchburg Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00970	04/17/19	11:36:38	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS00972	04/17/19	13:22:08	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS00973	04/17/19	14:11:58	Monitoring Manchester to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00974	04/17/19	15:58:18	Monitoring Channelview to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00977	04/18/19	8:40:52	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00979	04/18/19	10:10:18	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS00980	04/18/19	11:40:13	Monitoring Deer Park to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS00982	04/18/19	13:52:52	Monitoring Pasadena to Baytown	820 J	240 J	780 J	8.9	302	0
64MSMS00983	04/18/19	14:59:06	Monitoring Deer Park to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS00984	04/18/19	15:50:31	Monitoring Lynchburg to Deer Park	870 J	200 J	560 J	8.3	318	0
64MSMS00987	04/19/19	7:57:47	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS00988	04/19/19	8:42:14	Monitoring Pasadena to Deer Park	360 J	360 J	490 J	6.7	334	0
64MSMS00989	04/19/19	9:29:22	Monitoring Deer Park to La Porte	1,000 J	170 J	490 J	8.2	319	0
64MSMS00990	04/19/19	11:29:00	Monitoring Deer Park to La Porte Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS00992	04/19/19	13:18:23	Monitoring Deer Park	770 J	180 J	620 J	10.8	322	0
64MSMS00993	04/19/19	14:07:31	Monitoring Deer Park to La Porte Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS00994	04/19/19	15:07:12	Monitoring La Porte	< 180	< 4,000	< 1,700	-	-	-
64MSMS00995	04/19/19	16:02:31	Monitoring La Porte to Deer Park	810 J	260 J	920 J	8.6	310	0

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01000	04/20/19	9:39:01	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01001	04/20/19	10:28:33	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01002	04/20/19	11:01:15	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01003	04/20/19	12:08:00	Monitoring La Porte to Independence	< 180	< 4,000	< 1,700	-	-	-
64MSMS01005	04/20/19	14:26:16	Monitoring Deer Park to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS01006	04/20/19	15:07:12	Monitoring Deer Par to Baytown Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01007	04/20/19	16:03:22	Monitoring Baytown to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01010	04/21/19	8:30:22	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01011	04/21/19	9:04:00	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01012	04/21/19	9:57:21	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01013	04/21/19	11:12:48	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01014	04/21/19	12:21:26	Monitoring Channelview to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01016	04/21/19	14:43:23	Monitoring Deer Park to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS01017	04/21/19	15:49:10	Monitoring Baytown to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01020	04/22/19	8:45:46	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01021	04/22/19	9:17:26	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01022	04/22/19	10:00:06	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01023	04/22/19	11:24:44	Monitoring Channelview to Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01025	04/22/19	13:21:35	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01026	04/22/19	14:20:57	Monitoring Galena Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01027	04/22/19	15:27:20	Monitoring Channelview to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01030	04/23/19	8:16:48	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01031	04/23/19	8:57:15	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01033	04/23/19	9:47:20	Monitoring Deer Park to Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01034	04/23/19	11:13:49	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01036	04/23/19	13:18:26	Monitoring Galena Park to Manchester	< 180	< 4,000	< 1,700	-	-	-
64MSMS01037	04/23/19	14:09:56	Monitoring Manchester to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01038	04/23/19	15:22:16	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01041	04/24/19	8:46:55	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01042	04/24/19	9:17:34	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01043	04/24/19	10:12:32	Monitoring Deer Park to Channelview	910 J	310 J	3,700 J	11.9	122	0
64MSMS01044	04/24/19	11:23:53	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01046	04/24/19	13:31:08	Monitoring Channelview to Deer Park	< 180	< 4,000	< 1,700	-	-	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01047	04/24/19	14:24:52	Monitoring Deer Park to Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01048	04/24/19	15:23:08	Monitoring Channelview to Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01051	04/25/19	8:45:56	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01052	04/25/19	9:13:32	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01053	04/25/19	9:52:25	Monitoring Deer Park to La Porte	< 180	< 4,000	< 1,700	-	-	-
64MSMS01054	04/25/19	11:09:02	Monitoring Deer Park to La Porte Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01056	04/25/19	13:56:22	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01057	04/25/19	15:10:22	Monitoring Deer Park to La Porte Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01060	04/26/19	8:22:27	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01061	04/26/19	8:50:30	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01062	04/26/19	9:53:19	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01063	04/26/19	10:56:48	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01064	04/26/19	12:01:31	Monitoring Deer Park Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01066	04/26/19	14:02:40	Monitoring Deer Park Four	< 180	< 4,000	< 1,700	-	-	-
64MSMS01067	04/26/19	15:18:03	Monitoring Deer Park Five	< 180	< 4,000	< 1,700	-	-	-
64MSMS01070	04/27/19	8:07:19	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01071	04/27/19	8:39:19	Monitoring Pasadena to Deer Park	520 J	280 J	8,100 J	8.7	183	0
64MSMS01072	04/27/19	9:29:31	Monitoring Deer Park to Channelview	190 J	45 J	54 J	9.4	166	0
64MSMS01073	04/27/19	10:44:56	Monitoring Channelview to Baytown	< 180	< 4,000	< 1,700	-	-	-
64MSMS01075	04/27/19	13:10:07	Monitoring Baytown to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01076	04/27/19	14:05:35	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01077	04/27/19	15:22:03	Monitoring Galena Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01080	04/28/19	8:09:20	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01081	04/28/19	9:20:17	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01082	04/28/19	10:39:32	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01085	04/28/19	13:32:00	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01086	04/28/19	14:26:26	Monitoring Channelview to Lynchburg	< 180	< 4,000	< 1,700	-	-	-
64MSMS01087	04/28/19	15:32:38	Monitoring Channelview Three	490 J	46 J	28	11.0	128	0
64MSMS01090	04/29/19	8:40:24	Monitoring Highway 8 to Command Post	460 J	99 J	9,900 J	12.3	159	0
64MSMS01091	04/29/19	9:48:23	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01092	04/29/19	11:03:17	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01095	04/29/19	13:16:46	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01096	04/29/19	14:23:52	Monitoring Channelview Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01097	04/29/19	15:16:57	Monitoring Channelview Four	< 180	< 4,000	< 1,700	-	-	-
64MSMS01100	04/30/19	8:47:09	Monitoring Highway 8 to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01101	04/30/19	10:06:50	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01102	04/30/19	10:49:28	Monitoring Channelview	480 J	39 J	130 J	15.4	144	0
64MSMS01103	04/30/19	11:36:36	Monitoring Channelview Two	210 J	56 J	15	15.5	146	0
64MSMS01105	04/30/19	14:21:11	Monitoring Channelview Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01106	04/30/19	15:16:10	Monitoring Channelview to Lynchburg	< 180	< 4,000	< 1,700	-	-	-
64MSMS01109	05/01/19	8:25:00	Monitoring Highway 8 to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01110	05/01/19	8:58:08	Monitoring Highway 8 to Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01111	05/01/19	10:36:27	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01112	05/01/19	11:46:54	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01114	05/01/19	14:03:26	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01115	05/01/19	14:55:40	Monitoring Channelview Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01118	05/02/19	8:22:02	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01119	05/02/19	9:39:11	Monitoring Pasadena to Galena Park	< 180	< 4,000	< 1,700	-	-	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01120	05/02/19	11:01:51	Monitoring Jacinto City to Channelview	480 J	110 J	48 J	15.1	116	0
64MSMS01123	05/02/19	13:43:38	Monitoring Channelview	200 J	26 J	420 J	12.6	117	0
64MSMS01124	05/02/19	14:50:25	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01125	05/02/19	16:05:05	Monitoring Channelview to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01129	05/07/19	12:41:27	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01130	05/07/19	13:35:50	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01131	05/07/19	15:31:29	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01132	05/07/19	16:55:04	Monitoring Channelview to Pasadena	< 180	< 4,000	< 1,700	-	-	-
64MSMS01134	05/08/19	11:55:50	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01135	05/08/19	12:24:49	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01136	05/08/19	13:46:10	Monitoring Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01137	05/08/19	15:04:05	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01140	05/09/19	8:04:45	Monitoring Highway 8 to Command Post	< 180	< 4,000	< 1,700	-	-	-
64MSMS01141	05/09/19	8:54:28	Monitoring Pasadena to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01142	05/09/19	9:53:38	Monitoring Deer Park to Channelview	< 180	< 4,000	< 1,700	-	-	-
64MSMS01143	05/09/19	11:09:06	Monitoring Channelview	230 J	49 J	120 J	4.0	195	-

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TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01144	05/09/19	12:46:44	Monitoring Channelview Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01148	05/10/19	9:30:17	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01149	05/10/19	10:12:15	Monitoring Independence Parkway	< 180	< 4,000	< 1,700	-	-	-
64MSMS01150	05/10/19	12:00:07	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01151	05/10/19	12:55:42	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01152	05/10/19	13:43:54	Monitoring Deer Park Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01179	05/13/19	12:16:29	Monitoring Texas City to Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01181	05/13/19	13:53:39	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01182	05/13/19	15:28:00	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01185	05/14/19	8:51:17	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01190	05/14/19	14:09:58	Monitoring Deer Park	< 180	< 4,000	< 1,700	-	-	-
64MSMS01191	05/14/19	15:28:14	Monitoring Deer Park Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01194	05/16/19	8:03:48	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01196	05/16/19	9:25:10	Monitoring ITC Site Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01197	05/16/19	10:57:26	Monitoring ITC Site Three	320 J	150 J	930J	9.7	100	0
64MSMS01199	05/16/19	13:41:31	Monitoring ITC Site Four	< 180	< 4,000	< 1,700	-	-	-

Wind direction is the direction from which the wind is blowing

ppbv = Parts per billion by volume

mph = Miles per hour

J = Estimated value

- = Not reported

¹ TCDEQ Deer Park #2 Weather Station

² NOAA William P Hobby Airport Weather Station

TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01200	05/16/19	14:38:59	Monitoring ITC Site Five	< 180	< 4,000	< 1,700	-	-	-
64MSMS01201	05/16/19	15:47:35	Monitoring ITC Site Six	< 180	< 4,000	< 1,700	-	-	-
64MSMS01204	05/17/19	7:52:33	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01205	05/17/19	8:39:39	Monitoring ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01206	05/17/19	9:38:19	Monitoring ITC Site Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01207	05/17/19	10:57:14	Monitoring ITC Site Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01209	05/17/19	13:28:18	Monitoring ITC Site Four	< 180	< 4,000	< 1,700	-	-	-
64MSMS01210	05/17/19	14:26:44	Monitoring ITC Site Five	< 180	< 4,000	< 1,700	-	-	-
64MSMS01213	05/18/19	8:14:54	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01214	05/18/19	8:47:05	Monitoring ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01215	05/18/19	9:57:50	Monitoring ITC Site Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01216	05/18/19	11:17:52	Monitoring ITC Site Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01218	05/18/19	14:31:05	Monitoring ITC Site Four	< 180	< 4,000	< 1,700	-	-	-
64MSMS01219	05/18/19	15:42:44	Monitoring ITC Site Five	< 180	< 4,000	< 1,700	-	-	-
64MSMS01222	05/19/19	8:08:45	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01223	05/19/19	8:38:07	Monitoring ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01224	05/19/19	10:15:13	Monitoring ITC Site Two	< 180	< 4,000	< 1,700	-	-	-

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¹ TCDEQ Deer Park #2 Weather Station

² TCDEQ La Porte Municipal Airport Weather Station

TABLE 1 (continued)
Summary of Maximum Results and Meteorological Conditions during Monitoring, 20 March to 20 May 2019
Intercontinental Terminals Company Emergency Response
Deer Park, Texas
July 2019

File	Date	Start Time	Title	Benzene (ppbv)	Toluene (ppbv)	Xylenes (ppbv)	Wind Speed ¹ (mph)	Wind Direction ¹ (degrees)	Rainfall ² (inches)
64MSMS01225	05/19/19	11:20:15	Monitoring ITC Site Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01227	05/19/19	13:32:18	Monitoring ITC Site Four	< 180	< 4,000	< 1,700	-	-	-
64MSMS01228	05/19/19	14:47:12	Monitoring ITC Site Five	< 180	< 4,000	< 1,700	-	-	-
64MSMS01229	05/19/19	16:06:26	Monitoring ITC Site Six	< 180	< 4,000	< 1,700	-	-	-
64MSMS01232	05/20/19	8:50:58	Monitoring Highway 8 to ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01233	05/20/19	9:41:44	Monitoring ITC Site	< 180	< 4,000	< 1,700	-	-	-
64MSMS01234	05/20/19	11:02:45	Monitoring ITC Site Two	< 180	< 4,000	< 1,700	-	-	-
64MSMS01236	05/20/19	14:08:23	Monitoring ITC Site Three	< 180	< 4,000	< 1,700	-	-	-
64MSMS01237	05/20/19	15:14:17	Monitoring ITC Site Four	< 180	< 4,000	< 1,700	-	-	-
64MSMS01238	05/20/19	16:25:30	Monitoring ITC Site Five	< 180	< 4,000	< 1,700	-	-	-

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